Reliability Engineering and System Safety **38** (1992) 259–260

CONTENTS OF VOLUME 38

Numbers 1 & 2

Guest Editorial 1

The Strengths and Limitations of PSA: Where We Stand 3
DENNIS BLEY, STAN KAPLAN & DAVID JOHNSON (USA)

A Taxonomy of Issues Related to the Use of Expert Judgements in Probabilistic Safety Studies 27
SUMEET CHHIBBER, GEORGE APOSTOLAKIS & DAVID OKRENT (USA)

Bayesian Modeling of Expert-to-Expert Variability and Dependence in Estimating Rare Event Frequencies 45
ALI MOSLEH (USA)

The Transferable Belief Model for Expert Judgemets and Reliability Problems 57
PHILIPPE SMETS (Belgium)

Knowledge Engineering Approach to Risk Management and Decision-Making Problems 65
M. KITAMURA (Japan)

Human Reliability Analysis: A Human Point of View 69
YUSHI FUJITA (Japan)

The Reliability of Man–Machine Interaction 79
ERIK HOLLNAGEL (Denmark)

Cognitive Modelling: A Fundamental Issue for Human Reliability Assessment Methodology 89
P. C. CACCIABUE (Italy)

Safety in Process-Control: An Operator-Centred Point of View 97
RENÉ AMALBERTI (France)

Human Reliability and Human Factors in Complex Organizations: Goistemological and Critical Analysis—Practical Avenues to Action 107
M. A. LLORY (France)

Human Characteristics of Plant Operation and Man–Machine Interface 117
HIROSHI UJITA (Japan)

Reliability Aspects of Man–Machine Interface 123
SADANORI YOSHIMURA, TSUTOMA OHTSUKA & JU-ICHIOR ITOH (Japan)

Improvement of Man–Machine Interaction by Artificial Intelligence for Advanced Reactors 133
Y. HIMENO, T. NAKAMURA, S. TERUNUMA & T. FURUBAYASHI (Japan)

Modeling Uncertainties in PSA Owing to Man–Machine Interface Configuration 143
P. KAFKA & H. ADRIAN (Germany)

Meaningful Interaction in Complex Man–Machine Systems 149
GEORGE R. S. WEIR (UK)

Reliability Engineering and System Safety (**38**) (1992)—© 1992 Elsevier Science Publishers Ltd, England.

A Framework for Assessing Influence of Organization Plant Safety 155
M. MODARRES, A. MOSLEH & J. WREATHALL (USA)

Managerial Problems for Failure Prevention 171
HITOSHI KUME (Japan)

Safety Analysis and Information System (SAIS)—A Living PSA Computer System to Support NPP-Safety Management and Operators 179
H. P. BALFANZ, S. DINSMORE, U. HUSSELS, W. MUSEKAMP & STUBER (Germany)

Impact of Group Organization on Human Reliability 191
KAZUO FURUTA & SHUNSUKE KONDO (Japan)

Incorporating Management and Organisational Factors into Probabilistic Safety Assessment 197
D. E. EMBREY (UK)

Calendar 207

Number 3

Conversion of a Mainframe Simulation for Maintenance Performance to a PC Environment 211
DAVID I. GERTMAN (USA)

On the Need for Dynamic Methodologies in Risk and Reliability Studies 219
MOHAMED BELHADJ, MAHBUBUL HASSAN & TUNC ALDEMIR (USA)

MLR Rule for Selecting the Most Reliable Design 237
TONG-YOU WU & SHENG-TSAING TSENG (Taiwan)

Flood Hazard Assessment Based on the Theory of Outstanding Values 245
G. R. DARGAHI-NOUBARY (USA)

Letter to the Editors 253

Calendar 257